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Basic Economic Indicators

Oysters 1947-73

Economic Research Division
Washington, D.C.
November 1974

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PREFACE

The purpose of "Basic Economic Indicators" is to bring together pertinent economic, technological, and biological data for each major U. S. fishery. The Economic Research Division of the National Marine Fisheries Service (NMFS) has consolidated these basic variables which reflect the economic behavior of a fishery. Having this basic data set under one cover will materially aid research and development efforts currently being conducted on each fishery and will serve as a helpful guide to policy decisions. NMFS hopes that these data will be valuable in quantitative analyses of the Nation's fisheries.

It should be noted that some of the data are preliminary. Some figures are estimates based upon the latest research; therefore, the reader should be aware of the nature of these estimates, and is urged to examine the original sources to acquaint himself or herself more fully with how they were derived. The "Basic Economic Indicators" were compiled by the staff of the Economic Research Division with major contributions from Kenneth T. Ellington and Mikolaj G. Wojnowski.

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INDUSTRY PERFORMANCE INDICATORS

Table I-1.--Average cost and earnings of Maryland oyster vessels or boats, 1971

Item	Unit	Hand tong	Patent-tong single-rig	Patent-tong double-rig	Dredge
Vessels	Number of records	36	39	9	3
Length of vessels	Feet	30	39	43	48
Trips	Number	73	103	111	103
Average length of trip	Days	1	1	1	1
Crew size	Number	2	2	2	6
Time at sea	Days[1/]	73	103	111	103
Landings	Pounds[2/]	7,067	18,050	36,414	46,578
Average price	Cents per pound	86	86	86	86
Gross receipts	Dollars per vessel	6,093	15,561	31,392	40,155
Trip expenditures					
Food	do	3/	3/	3/	3/
Fuel & lube	do	3/	3/	3/	3/
Other	do	3/	3/	3/	3/
Subtotal	do	363	1,305	2,116	2,506
Repair & maintenance					
Gear & supplies	do	69	214	306	1,350
Hull & engine	do	3/	3/	3/	3,200
Subtotal	do	69	214	306	4,550
Fixed charges					
Interest	do	89	297	461	179
Insurance	do	-	-	-	3/
Taxes & licenses	do	25	25	25	90
Administrative & lease	do	3/	3/	3/	3/
Subtotal	do	114	322	486	269
TOTAL CASH EXPENDITURES	do	546	1,841	2,908	7,325
Share to labor and capital					
Wages	do	4,570	11,671	23,544	30,116
Captain's commission	do	-	-	-	3/
Owner's share (before depreciation)	do	977	2,049	4,940	2,714
TOTAL SHARE EXPENDITURES	do	5,547	13,720	28,484	32,830
Depreciation	do	93	199	308	1,132
Net return before taxes	do	884	1,850	4,632	1,582

1/For oystering activities only.
2/Meat weight.
3/Not available.

Table I-2.--Earnings of Maryland oyster fishermen, 1971

Item	Hand-tong	Patent-tong single-rig	Patent-tong double-rig	Dredge
	Number			
Vessels	36	39	9	3
Average crew size	2	2	2	6
	Dollars			
Gross receipts per vessel	6,093	15,561	31,392	40,155
Share to labor per vessel	5,547	13,720	28,484	32,830
Average share per man	2,774	6,860	14,242	5,472
Food expenditures per man	1/	1/	1/	1/
Average share per man	2/ 2,774	2/ 6,860	2/ 14,242	3/ 5,472
Real average share per man 4/	2,287	5,655	11,741	4,511
Wage in Maryland-Virginia manufacturing	7,635	7,635	7,635	7,635
Real wage in Maryland-Virginia manufacturing 4/	6,294	6,294	6,294	6,294

1/ Not available.
2/ Oyster tong season in Maryland is from September 15 through March 31 excluding Sundays and between sunset and sunrise.
3/ Oyster dredge season in Maryland is from November 1 through March 15.
4/ Divided by the consumer price index 1967=100.

Table I-3.--Productivity of oyster fishermen, vessels, and boats, 1950-71

(Meat weight)

Year	Landings per fisherman	Landings per vessel or boat
	----------Pounds----------	
1950	5,441	8,705
1951	5,455	8,821
1952	6,142	9,862
1953	6,072	9,860
1954	5,892	9,539
1955	5,390	9,509
1956	5,027	8,883
1957	4,821	9,291
1958	4,684	8,065
1959	4,586	7,540
1960	4,149	6,573
1961	4,254	6,643
1962	4,113	6,423
1963	4,179	6,331
1964	4,239	6,345
1965	3,972	5,993
1966	3,643	5,457
1967	4,182	6,018
1968	5,279	7,441
1969	4,184	5,926
1970	4,347	6,180
1971	4,245	6,009

Source: Fishery Statistics of the United States, various years.

Table I-4.--Cost per pound of oysters landed by selected gear, 1971

Item	Unit	Hand-tong	Patent-tong Single-rig	Patent-tong double-rig	Dredge
Landings	Pounds[1/]	7,067	18,050	36,414	46,578
Gross receipts	Dollars	6,093	15,561	31,392	40,155
Average price	Cents per pound	86	86	86	86
Total expenditures	Dollars	5,209	13,711	26,760	38,573
Trip expenditures	Cents per pound	5.12	7.21	5.80	5.37
Repair and maintenance	do	.97	1.18	.84	9.74
Fixed charges	do	1.61	1.78	1.33	.58
Share to labor	do	64.50	64.50	64.50	64.50
Depreciation	do	1.31	1.10	.84	2.42
Cost per unit of output	do	73.52	75.77	73.31	82.61

1/Meat weight

Note: Based on data from table I-1.

Table I-5.--Estimated market value of a hand-tong craft, based on present value of future returns[1/]

Discount rate[2/]	Expected useful life in years			
	5	10	15	20
	Market value in dollars			
Percent				
12	3,842	6,022	7,260	7,962
18	3,333	4,796	5,428	5,706
24	2,926	3,925	4,265	4,381

1/ Based on data from Table I-1: net return before taxes, plus depreciation, plus interest paid for 1971 was $1,066. This figure was used to calculate the above estimated market value.

2/ Arbitrarily chosen.

Table I-6.--Estimated market value of a patent-tong, single-rig craft based on present value of future returns[1/]

Discount rate[2/]	Expected useful life in years			
	5	10	15	20
	Market value in dollars			
Percent				
12	8,457	13,255	15,975	17,522
18	7,336	10,554	11,946	12,558
24	6,440	8,638	9,386	9,642

1/ Based on data from Table I-1: net return before taxes, plus depreciation, plus interest paid for 1971 was $2,346. This figure was used to calculate the above estimated market value.

2/ Arbitrarily chosen.

Table I-7.--Estimated market value of a patent-tong, double-rig craft based on present value of future returns[1/]

Discount rate[2/]	Expected useful life in years			
	5	10	15	20
	Market value in dollars			
Percent				
12	19,471	30,516	36,786	40,340
18	16,889	24,299	27,502	28,911
24	14,826	19,886	21,609	22,198

1/ Based on data from Table I-1: net return before taxes, plus depreciation, plus interest paid for 1971 was $5,401. This figure was used to calculate the above estimated market value.

2/ Arbitrarily chosen.

Table I-8.--Estimated market value of a dredge based on present value of future returns[1/]

Discount rate[2/]	Expected useful life in years			
	5	10	15	20
	Market value in dollars			
Percent				
12	10,429	16,345	19,704	21,608
18	9,046	13,016	14,731	15,486
24	7,941	10,652	11,575	11,890

1/ Based on data from Table I-1: net return before taxes, plus depreciation, plus interest paid for 1971 was $2,893. This figure was used to calculate the above estimated market value.

2/ Arbitrarily chosen.

Table I-9.--Growth rate of oyster landings, fishermen, vessels, and boats

Landings[1/]	(1947-73)	-1.5 percent per year
Fishermen [2/]	(1950-71)	-0.4 percent per year
Vessels and boats[3/]	(1950-71)	+0.5 percent per year

1/Log of landings (thousand pounds) = 4.9000 - 0.00694 time.
(6.80)*

2/Log of number of fishermen = 4.1575 - 0.00165 time.
(1.82)*

3/Log of number of vessels and boats = 3.9144 + 0.00237 time.
(2.81)*

*Indicates t value.

II. DEMAND INDICATORS

Table II-1.--Aggregate and per capita consumption of oysters, all forms, in the United States, 1947-73

(Meat weight)

Year	Aggregate	Per capita
	Thousand pounds	Pounds
1947	62,565	0.434
1948	61,593	.420
1949	75,229	.504
1950	76,322	.502
1951	73,240	.475
1952	81,693	.522
1953	79,567	.499
1954	82,372	.508
1955	78,072	.473
1956	76,153	.452
1957	73,181	.427
1958	70,583	.409
1959	69,414	.392
1960	65,893	.366
1961	69,100	.377
1962	63,124	.339
1963	66,385	.351
1964	68,812	.358
1965	64,107	.331
1966	61,824	.319
1967	78,273	.389
1968	77,080	.384
1969	69,388	.342
1970	69,323	.338
1971	64,551	.312
1972	74,740	.358
1973	64,610	.307

Source: Fishery Statistics of the United States, 1947-73 and U. S. Imports 1947-73.

Table II-2.--U.S. consumption of oysters (canned) by socio-economic characteristics, 1969[1/]

(Retail weight)

Socio-economic characteristics	1969				
	1st Qtr.	2d Qtr.	3d Qtr.	4th Qtr.	Total
	Pounds per capita				
RACE					
Black	0.027	0.032	0.074	0.041	0.174
White	.061	.029	.030	.062	.182
Other	.000	.000	.000	.000	.000
Not specified	.000	.000	.000	.071	.071
RELIGION					
Catholic	.030	.021	.015	.036	.102
Jewish	.013	.000	.000	.000	.013
Protestant	.070	.033	.038	.071	.212
Other	.029	.000	.038	.024	.091
Not specified	.000	.000	.000	.050	.050
INCOME PER CAPITA					
Under 1,000	.074	.027	.027	.059	.187
1,000-1,999	.052	.037	.036	.053	.178
2,000-2,499	.056	.017	.015	.039	.127
2,500-2,999	.050	.018	.050	.076	.194
3,000-3,499	.049	.011	.012	.065	.137
3,500 & over	.098	.038	.037	.076	.249
OCCUPATION					
Prof. & semipro-fessional	.051	.020	.018	.058	.147
Proprietors, managerial	.072	.031	.033	.073	.209
Clerical & sales	.038	.006	.008	.035	.125
Craftsmen, foremen	.050	.028	.030	.037	.145
Head operative	.010	.025	.033	.040	.108
Service workers, & laborers	.138	.058	.066	.113	.375
EDUCATION					
Less than 4 yr. high school	.090	.038	.056	.090	.274
Less than 4 yr. college	.051	.029	.020	.049	.149
College graduate	.028	.013	.016	.039	.096
Head, not specified	.014	.030	.006	.016	.066
REGION					
New England	.007	.006	.005	.004	.022
Middle Atlantic	.022	.009	.019	.022	.072
E. North Central	.036	.029	.020	.059	.144
W. North Central	.062	.019	.039	.114	.234
South Atlantic	.098	.029	.037	.063	.227
E. South Central	.147	.089	.105	.232	.573
W. South Central	.100	.018	.044	.028	.190
Mountain	.156	.064	.017	.087	.324
Pacific	.055	.045	.037	.044	.181

1/Purchases by households for home use.

Table II-3.--U.S. consumption of oysters (fresh and frozen) by socio-economic characteristics, 1969[1/]

(Retail weight)

Socio-economic characteristics	1969				
	1st Qtr.	2d Qtr.	3d Qtr.	4th Qtr.	Total
	Pounds per capita				
RACE					
Black	0.136	0.044	0.044	0.143	0.367
White	.070	.006	.021	.096	.193
Other	.166	.000	.058	.611	.835
Not specified	.026	.000	.000	.000	.026
RELIGION					
Catholic	.041	.002	.011	.060	.114
Jewish	.011	.000	.000	.005	.016
Protestant	.085	.010	.026	.112	.233
Other	.070	.000	.043	.179	.292
Not specified	.084	.000	.000	.000	.084
INCOME PER CAPITA					
Under 1,000	.068	.005	.022	.092	.187
1,000-1,999	.100	.010	.019	.105	.234
2,000-2,499	.024	.004	.012	.086	.126
2,500-2,999	.052	.002	.039	.080	.173
3,000-3,499	.030	.005	.003	.077	.115
3,500 & over	.118	.013	.031	.117	.279
OCCUPATION					
Prof. & semipro-fessional	.040	.005	.015	.065	.125
Proprietors, managerial	.081	.007	.028	.129	.245
Clerical & sales	.090	.007	.020	.083	.200
Craftsmen, foremen	.060	.007	.021	.113	.201
Head operative	.022	.015	.015	.060	.112
Service workers, & laborers	.145	.009	.030	.117	.301
EDUCATION					
Less than 4 yr. high school	.088	.006	.024	.096	.214
Less than 4 yr. college	.178	.011	.023	.114	.326
College graduate	.036	.005	.016	.070	.127
Head, not specified	.000	.000	.000	.000	.000
REGION					
New England	.059	.003	.024	.022	.108
Middle Atlantic	.029	.006	.019	.062	.116
E. North Central	.042	.001	.017	.087	.147
W. North Central	.026	.001	.024	.073	.124
South Atlantic	.154	.019	.038	.188	.399
E. South Central	.170	.021	.024	.147	.362
W. South Central	.120	.011	.021	.074	.226
Mountain	.066	.002	.024	.201	.293
Pacific	.082	.013	.015	.081	.191

1/Purchases by households for home use.

Table II-4.--U.S. consumption of oysters (fresh, frozen, and canned) by socio-economic characteristics, 1969[1/]

(Retail weight)

Socio-economic characteristics	1969				
	1st Qtr.	2d Qtr.	3d Qtr.	4th Qtr.	Total
	Pounds per capita				
RACE					
Black	0.163	0.076	0.118	0.184	0.541
White	.131	.035	.051	.158	.375
Other	.166	.000	.058	.611	.835
Not specified	.026	.000	.000	.071	.097
RELIGION					
Catholic	.071	.023	.026	.096	.216
Jewish	.024	.000	.000	.005	.029
Protestant	.155	.043	.064	.183	.445
Other	.099	.000	.081	.203	.383
Not specified	.084	.000	.000	.050	.134
INCOME PER CAPITA					
Under 1,000	.142	.032	.049	.151	.374
1,000-1,999	.152	.047	.055	.158	.412
2,000-2,499	.080	.021	.027	.125	.253
2,500-2,999	.102	.020	.089	.156	.367
3,000-3,499	.079	.016	.015	.142	.252
3,500 & over	.216	.051	.068	.193	.528
OCCUPATION					
Prof. & semipro-fessional	.091	.025	.035	.121	.272
Proprietors, managerial	.153	.038	.061	.202	.454
Clerical & sales	.128	.013	.028	.118	.287
Craftsmen, foremen	.110	.035	.051	.150	.346
Head operative	.032	.040	.048	.100	.220
Service workers, & laborers	.283	.067	.096	.230	.676
EDUCATION					
Less than 4 yr. high school	.178	.044	.080	.186	.488
Less than 4 yr. college	.229	.040	.043	.163	.475
College graduate	.064	.018	.032	.109	.223
Head, not specified	.014	.030	.006	.016	.066
REGION					
New England	.066	.009	.029	.026	.130
Middle Atlantic	.051	.015	.038	.084	.188
E. North Central	.078	.030	.037	.146	.291
W. North Central	.088	.020	.063	.187	.358
South Atlantic	.252	.048	.075	.251	.626
E. South Central	.317	.110	.129	.379	.935
W. South Central	.220	.029	.065	.102	.416
Mountain	.222	.066	.041	.288	.617
Pacific	.137	.058	.052	.125	.372

1/Purchases by households for home use.

Table II-5.--Exvessel, wholesale, and retail prices of oysters, 1950-72

(Meat weight)

Year	Exvessel	Wholesale	Retail[1/]
	Dollars per pound		
1950	0.39	0.46	0.85
1951	.40	.49	.93
1952	.39	.43	.96
1953	.36	.45	.96
1954	.40	.55	.97
1955	.39	.55	.98
1956	.41	.56	1.12
1957	.41	.58	1.17
1958	.46	.56	1.10
1959	.46	.66	1.21
1960	.49	.80	1.41
1961	.53	.87	1.54
1962	.52	.88	1.49
1963	.46	.91	1.54
1964	.46	.83	1.46
1965	.51	.85	1.53
1966	.53	.95	1.66
1967	.54	.87	1.61
1968	.52	.91	1.74
1969	.53	.97	1.86
1970	.55	2/1.01	1.94
1971	.56	2/1.07	2.06
1972	.64	2/1.17	2.25

1/At Baltimore, select oysters.
2/Estimated.

Source: Bureau of Labor Statistics and Fishery Statistics of the United States, various years.

Table II-6.--Exvessel, wholesale, and retail value of oysters, 1950-72

(Meat weight)

Year	Exvessel value	Wholesale value	Retail value
	----------Thousand dollars----------		
1950	29,596	35,150	64,953
1951	29,070	35,765	67,881
1952	32,339	35,346	78,952
1953	29,054	35,873	76,530
1954	32,796	45,057	79,464
1955	30,476	42,633	75,965
1956	30,884	42,075	84,150
1957	29,407	41,561	83,840
1958	30,442	37,181	73,036
1959	29,483	42,708	78,299
1960	29,242	48,008	84,614
1961	33,204	54,205	95,950
1962	29,130	49,312	83,495
1963	27,105	53,184	90,004
1964	27,926	50,213	88,380
1965	27,868	46,484	83,673
1966	27,373	48,661	85,030
1967	32,241	52,162	96,531
1968	32,010	50,596	107,681
1969	27,539	50,633	97,090
1970	29,483	54,139	103,990
1971	34,028	58,406	112,445
1972	33,819	61,479	118,229

Source: Fishery Statistics of the United States, 1950-72 and Table II-3.

Table II-7.--Retail price of oysters, 1950-72

Year	Actual price	Actual price divided by the consumer price index (1967=100)	Actual price divided by the consumer price index for meat, poultry, and fish (1967=100)
	Dollars per pound		
1950	0.85	1.18	0.99
1951	.93	1.20	.97
1952	.96	1.21	1.01
1953	.96	1.20	1.07
1954	.97	1.20	1.10
1955	.98	1.22	1.18
1956	1.12	1.24	1.42
1957	1.17	1.39	1.36
1958	1.10	1.27	1.17
1959	1.21	1.39	1.34
1960	1.41	1.59	1.58
1961	1.54	1.72	1.72
1962	1.49	1.64	1.63
1963	1.54	1.68	1.71
1964	1.46	1.65	1.65
1965	1.53	1.62	1.62
1966	1.66	1.71	1.62
1967	1.61	1.61	1.61
1968	1.74	1.67	1.70
1969	1.86	1.69	1.68
1970	1.94	1.67	1.67
1971	2.06	1.70	1.76
1972	2.25	1.80	1.76

Source: Bureau of Labor Statistics and Table II-5.

Table II-8.--Price and income elasticities for oysters

Price elasticity = -0.68602

Income elasticity = -0.7753

Demand Equation for United States, 1947-73 (In logarithms)

C/N = 2.00623 - 0.68602 P + -0.7753 Y/N

C = Oyster aggregate consumption, meat weight

P = Real exvessel price of oysters

Y = Real disposable personal income

N = United States population

III. DEMAND PROJECTIONS

Table III-1.--Demand projections for oysters, United States and world, to the year 2000

(Round weight)[1/]

Year	United States per capita consumption	United States population	United States aggregate consumption	World aggregate consumption
	Pounds	Millions	Million pounds	
1970[2/]	4.37	206.0	901	2,127
1975	5.21	219.4	1,144	2,687
1980	5.21	235.2	1,226	3,278
1985	5.21	252.9	1,317	3,869
1990	5.21	270.8	1,410	4,444
2000	5.21	307.8	1,604	5,409

Assumptions:
(1) Declining income elasticity over time;
(2) A logistic biological yield curve with a decreasing returns production function;
(3) Present fishery management schemes continue into future;
(4) Relative prices of fishery product variable over time (i.e., cost of production derived from (2) allowed to interact with demand);
(5) Projected per capita income and population given by U.S. Department of Agriculture by country.

1/ To convert from round weight to meat weight divide by 13.0.
2/ Actual data.

Source: Bell, Frederick W., D.A. Nash, E.W. Carlson, F.V. Waugh, R.K. Kinoshita, and R. Fullenbaum, The Future of the World's Fishery Resources: Forecasts of Demand, Supply and Prices to the Year 2000 With a Discussion of Implications for Public Policy, Economic Research Laboratory, National Marine Fisheries Service, File Manuscript, December 1970, 419 p.

IV. DOMESTIC PRODUCTION

Table IV-1.--U.S. landings of oysters, 1947-73

(Meat weight)

Year	Quantity[1/]	Exvessel value
	Thousand pounds	Thousand dollars
1947	63,085	27,691
1948	61,610	28,675
1949	75,773	29,543
1950	76,415	29,596
1951	72,990	29,070
1952	82,242	32,339
1953	79,719	29,054
1954	81,922	32,796
1955	77,515	30,476
1956	75,134	30,884
1957	71,658	29,407
1958	66,396	30,442
1959	64,710	29,483
1960	60,010	29,242
1961	62,305	33,204
1962	56,037	29,130
1963	58,444	27,105
1964	60,534	27,926
1965	54,688	27,868
1966	51,223	27,373
1967	59,957	32,241
1968	61,886	32,010
1969	52,199	27,539
1970	53,602	29,483
1971	57,938	34,028
1972	52,546	33,819
1973	48,553	35,191

1/1947-1949 not all States included.

Source: Fishery Statistics of the United States, various years.

Table IV-2.--U.S. oyster landings by region, 1947-73

(Meat weight)

Year	New England	Middle Atlantic	Chesapeake	South Atlantic	Gulf	Pacific	Total all regions
				Thousand pounds			
1947	2,125	15,744	33,730	1/	1/	11,486	63,085
1948	1,652	15,790	34,403	1/	1/	9,765	61,610
1949	4,004	17,411	31,777	1/	13,121	8,374	75,773
1950	4,728	18,170	29,954	3,034	12,292	8,239	76,415
1951	1,970	17,410	29,598	3,783	11,519	8,709	72,990
1952	2,209	16,767	34,418	4,112	14,637	10,100	82,242
1953	1,038	14,462	36,946	4,019	12,836	10,418	79,719
1954	735	13,377	41,587	3,811	11,443	10,969	81,922
1955	619	9,848	39,227	2,260	13,881	11,680	77,515
1956	506	8,466	38,064	3,656	13,513	11,928	75,134
1957	405	7,981	34,234	3,069	14,307	11,662	71,658
1958	276	4,296	37,530	2,651	10,407	11,235	66,396
1959	387	1,392	33,322	3,516	13,721	12,372	64,710
1960	500	1,154	27,111	4,119	16,098	11,028	60,070
1961	453	1,921	27,500	3,984	18,240	10,207	62,305
1962	294	2,362	19,939	3,850	18,838	10,754	56,037
1963	452	951	18,274	4,837	24,139	9,791	58,444
1964	195	1,356	22,098	3,527	23,385	9,953	60,534
1965	340	757	21,188	4,082	19,156	9,165	54,688
1966	408	917	21,232	3,657	17,182	7,827	51,223
1967	323	1,190	25,798	3,160	21,747	7,739	59,957
1968	195	1,538	22,679	2,965	26,739	7,770	61,886
1969	152	1,322	22,157	1,830	19,765	6,973	52,199
1970	190	1,413	24,668	1,626	17,714	7,991	53,602
1971	190	1,965	25,557	1,846	20,266	8,144	57,938
1972	135	3,162	22,142	1,882	17,891	7,334	52,546
1973	50	3,182	22,538	1,653	14,726	6,404	48,553

1/ Not available.

Source: Fishery Statistics of the United States, various years.

Table IV-3.--Supply and utilization of oysters (all forms) in the United States, 1947-73

(Meat weight)

Year	Beginning stock	Landings	Imports[1/]	Total	Ending stocks	Exports[2/]	Apparent total consumption
	Thousand pounds						
1947	363	63,085	111	63,196	169	825	62,565
1948	169	61,610	160	61,770	270	76	61,593
1949	270	75,773	342	76,385	305	851	75,229
1950	305	76,415	446	77,166	209	635	76,322
1951	209	72,990	962	74,161	201	720	73,240
1952	201	82,242	595	83,038	534	811	81,693
1953	534	79,719	637	80,890	580	743	79,567
1954	580	81,922	1,056	83,558	503	683	82,372
1955	503	77,515	1,391	79,409	520	817	78,072
1956	520	75,134	1,928	77,582	613	816	76,153
1957	613	71,658	2,575	74,846	780	883	73,181
1958	780	66,396	5,015	72,191	774	834	70,583
1959	774	64,710	5,540	71,024	826	784	69,414
1960	826	60,010	6,597	67,433	936	604	65,893
1961	936	62,305	7,261	70,502	823	579	69,100
1962	833	56,037	7,387	64,247	712	411	63,124
1963	712	58,444	8,906	68,062	1,426	251	66,385
1964	1,426	60,534	8,154	70,114	1,051	251	68,812
1965	1,051	54,688	9,001	64,740	633	-	64,107
1966	633	51,223	12,028	63,884	2,060	-	61,824
1967	2,060	59,957	17,672	79,689	1,416	-	78,273
1968	1,416	61,886	15,550	78,552	1,772	-	77,080
1969	1,772	52,199	16,622	70,593	1,205	-	69,388
1970	1,205	53,603	15,484	70,292	969	-	69,323
1971	969	54,585	9,695	65,249	698	-	64,551
1972	698	52,546	22,309	75,553	813	-	74,740
1973	813	48,553	18,508	67,574	3,264	-	64,610

1/Does not include seed oysters.

2/Through 1956 includes in shell and shucked exports converted to meat weight. After 1956 in shell exports no longer reported. After 1964 exports are no longer reported as a separate category.

Source: Fishery Statistics of the United States, various years and U.S. Imports, various years.

V. DOMESTIC EMPLOYMENT, VESSELS, AND EFFORT

Table V-1.--Number of fishermen, vessels, and boats in the U.S. oyster fishery, 1950-71

Year	Fishermen	Vessels and boats
	----------Number----------	
1950	14,045	8,778
1951	13,381	8,275
1952	13,370	1/8,339
1953	13,128	1/8,085
1954	13,901	1/8,588
1955	14,382	8,152
1956	14,945	8,458
1957	14,862	1/7,713
1958	14,176	8,233
1959	14,110	8,582
1960	14,464	9,130
1961	14,646	1/9,379
1962	13,626	1/8,724
1963	13,985	9,231
1964	14,280	9,541
1965	13,770	9,125
1966	14,061	9,387
1967	14,336	9,963
1968	11,722	8,317
1969	12,475	8,808
1970	12,332	8,674
1971	11,437	8,080

1/ Excludes small quantities of Pacific oyster tong boats

Source: Fishery Statistics of the United States, various years.

Table V-2.—Vessels in the U.S. oyster tong fishery, 1950-71

Year	Vessels			
	Atlantic	Gulf	Pacific	Total vessels
	Number			
1950	82	2	-	84
1951	58	-	-	58
1952	33	-	-	33
1953	60	-	-	60
1954	61	20	-	81
1955	223	21	-	244
1956	265	-	-	265
1957	284	-	-	284
1958	310	-	-	310
1959	422	-	-	422
1960	390	-	-	390
1961	493	-	-	493
1962	434	5	-	439
1963	501	9	-	510
1964	432	9	-	441
1965	545	7	-	552
1966	594	2	-	596
1967	546	1	-	547
1968	593	14	-	607
1969	646	8	-	654
1970	725	15	-	740
1971	792	10	-	802

Table V-2.--Vessels in the U.S. oyster tong fishery, 1950-71 (continued)

Year	Boats (motor)			
	Atlantic	Gulf	Pacific	Total boats (motor)
	----------	----------	Number ----------	----------
1950	4,601	519	88	5,208
1951	4,664	519	82	5,265
1952	4,718	448	1/	5,166 2/
1953	4,717	362	1/	5,079 2/
1954	5,030	890	1/	5,920 2/
1955	4,648	822	89	5,559
1956	4,881	777	118	5,776
1957	4,810	724	1/	5,534 2/
1958	4,795	839	27	5,661
1959	5,109	1,017	25	6,151
1960	5,262	1,447	1/	6,709 2/
1961	5,219	1,632	1/	6,841 2/
1962	4,713	1,708	26	6,447
1963	5,005	1,763	30	6,798
1964	5,457	1,717	39	7,213
1965	5,124	1,729	42	6,895
1966	5,613	1,644	17	7,274
1967	6,181	1,632	17	7,830
1968	4,659	1,556	21	6,230
1969	5,276	1,504	18	6,798
1970	5,086	1,392	18	6,496
1971	4,570	1,333	18	5,921

Table V-2.--Vessels in the U.S. oyster tong fishery, 1950-71 (continued)

Year	Boats (other)			
	Atlantic	Gulf	Pacific	Total boats (other)
	Number			
1950	624	1,243	130	1,997
1951	578	747	121	1,446
1952	523	759	1/	1,282
1953	387	712	1/	1,099
1954	385	397	1/	782
1955	319	288	85	692
1956	383	387	90	760
1957	358	325	1/	683
1958	300	215	-	515
1959	214	210	-	424
1960	175	211	1/	386
1961	184	271	1/	455
1962	146	212	-	358
1963	129	229	-	358
1964	108	233	-	341
1965	124	197	-	321
1966	37	94	-	131
1967	35	83	-	118
1968	31	59	-	90
1969	32	52	-	84
1970	10	35	-	45
1971	12	33	-	45

1/Not available.
2/Total excludes small quantities of Pacific oyster tong boats.

Source: Fishery Statistics of the United States, various years.

Table V-3.--Vessels in the U. S. oyster dredge fishery, 1950-71

Year	Vessels			
	Atlantic	Gulf	Pacific	Total vessels
	Number			
1950	512	195	21	728
1951	438	58	24	520
1952	461	94	24	579
1953	475	175	24	676
1954	455	189	28	672
1955	443	255	33	731
1956	403	299	37	739
1957	417	308	38	763
1958	464	315	34	813
1959	359	268	37	664
1960	350	297	32	679
1961	443	225	28	696
1962	340	340	31	711
1963	354	352	32	738
1964	282	402	29	713
1965	299	287	29	615
1966	275	292	30	597
1967	266	426	30	722
1968	259	458	29	746
1969	237	428	32	697
1970	277	429	25	731
1971	273	441	25	739

Table V-3.--Vessels in the U. S. oyster dredge fishery, 1950-71 (continued)

Year	Boats (motor)			
	Atlantic	Gulf	Pacific	Total boats (motor)
	----------	----------	Number	----------
1950	626	65	9	700
1951	786	139	13	938
1952	900	132	17	1,049
1953	754	168	18	940
1954	686	191	21	898
1955	649	206	19	874
1956	694	173	21	888
1957	632	199	21	852
1958	635	256	19	910
1959	607	277	17	901
1960	638	283	15	936
1961	501	342	15	858
1962	410	344	15	769
1963	393	420	14	827
1964	422	395	16	833
1965	390	340	13	743
1966	419	358	12	789
1967	418	323	5	746
1968	280	343	16	638
1969	269	295	11	575
1970	271	378	13	662
1971	246	317	10	573

Table V-3.--Vessels in the U. S. oyster dredge fishery, 1950-71 (continued)

Year	Boats (other)			
	Atlantic	Gulf	Pacific	Total boats (other)
	Number			
1950	61	-	-	61
1951	48	-	-	48
1952	50	-	-	50
1953	53	-	-	53
1954	72	3	-	75
1955	52	-	-	52
1956	30	-	-	30
1957	20	-	-	20
1958	24	-	-	24
1959	18	2	-	20
1960	5	-	-	5
1961	1	-	-	1
1962	-	-	-	-
1963	-	-	-	-
1964	-	-	-	-
1965	-	-	-	-
1966	-	-	-	-
1967	-	-	-	-
1968	-	-	-	-
1969	-	-	-	-
1970	-	-	-	-
1971	-	-	-	-

Source: Fishery Statistics of the United States, various years.

Table V-4.--Number of fishermen in the U.S. oyster tong fishery, 1950-71

Year	On vessels				On boats and shore			
	Atlantic	Gulf	Pacific	Total on vessels	Atlantic	Gulf	Pacific	Total on boats and shore
	Number							
1950	177	4	-	181	6,870	1,912	380	9,162
1951	131	-	-	131	6,973	1,482	338	8,793
1952	77	-	1/	77	6,956	1,272	1/	1/
1953	126	-	1/	126	6,666	1,099	1/	1/
1954	130	40	1/	170	7,206	1,658	1/	1/
1955	463	43	-	506	7,021	1,553	349	8,923
1956	554	-	-	554	7,650	1,424	404	9,478
1957	565	-	1/	565	7,490	1,345	1/	1/
1958	607	-	-	607	6,808	1,319	27	8,154
1959	780	-	-	780	7,441	1,609	25	9,075
1960	737	-	1/	737	7,341	2,201	1/	1/
1961	904	-	1/	904	7,140	2,286	1/	1/
1962	762	7	-	769	6,343	2,541	26	8,910
1963	881	14	-	895	6,271	2,631	30	8,932
1964	683	19	-	702	7,049	2,529	39	9,617
1965	966	14	-	980	6,866	2,416	42	9,324
1966	1,099	4	-	1,103	7,485	2,251	33	9,769
1967	938	2	-	940	7,628	2,230	33	9,891
1968	954	14	-	968	5,344	2,048	40	7,432
1969	1,019	16	-	1,035	6,313	2,012	36	8,361
1970	1,105	29	-	1,134	6,077	1,824	36	7,937
1971	1,185	20	-	1,205	5,297	1,712	29	7,038

1/ Not available.

Source: Fishery Statistics of the United States, various years.

Table V-5.--Number of fishermen in the U.S. oyster dredge fishery, 1950-71

Year	On vessels				On boats and shore			
	Atlantic	Gulf	Pacific	Total on vessels	Atlantic	Gulf	Pacific	Total on boats & shore
	Number							
1950	2,208	831	63	3,102	1,324	250	26	1,600
1951	2,103	253	66	2,422	1,575	429	31	2,035
1952	2,039	389	65	2,493	1,813	389	40	2,242
1953	2,088	675	68	2,831	1,516	504	36	2,056
1954	1,954	593	75	2,622	1,382	471	42	1,895
1955	2,230	1,811	90	3,131	1,331	453	38	1,822
1956	1,903	1,006	103	3,012	1,414	445	42	1,901
1957	2,117	1,015	107	3,239	1,296	535	42	1,873
1958	2,382	1,029	110	3,521	1,265	591	38	1,894
1959	1,522	774	111	2,407	1,194	616	38	1,848
1960	1,294	866	90	2,250	1,283	592	35	1,910
1961	1,537	839	79	2,455	1,020	688	32	1,740
1962	1,308	958	87	2,353	842	721	31	1,594
1963	1,351	1,040	89	2,480	788	861	29	1,678
1964	1,017	1,216	80	2,313	842	775	31	1,648
1965	1,070	854	81	2,005	775	660	27	1,462
1966	903	796	79	1,778	664	722	25	1,411
1967	880	1,228	66	2,174	662	658	11	1,331
1968	880	1,220	64	2,164	431	702	25	1,158
1969	823	1,135	67	2,027	430	599	23	1,052
1970	890	1,149	56	2,095	440	700	26	1,166
1971	886	1,243	49	2,178	391	604	21	1,016

Source: Fishery Statistics of the United States, various years.

VI. BIOLOGICAL STOCK ASSESSMENT

Table VI-1.--Estimate of maximum sustainable yield (MSY) from world stocks of oysters

(Round weight)

Region		MSY
		Thousand metric tons
I. Northwest Atlantic		
Flat oyster (Ostrea edulis)		7,000
Portuguese oyster (Crassostrea angulata)		57,000
Other		400
	Total	64,400
II. Mediterannean and Black Sea		
Flat oyster (Ostrea edulis)		1/
Portuguese oyster (Crassostrea angulata)		1/
(Ostrea taurica)		1/
	Total	720
III. Northwest and West Central Atlantic		
Eastern oyster (Crassostrea virginica)		327,500
	Total	327,500
IV. Caribbean		
Mangrove oyster (Crassostrea rhizophora)		3,700
	Total	3,700
V. Southwest Atlantic		
(Ostrea spreta)		1/
(O. puelchana)		1/
	Total	300
VI. Northeast Pacific		
Pacific oyster (Crassostrea gigas)		38,000
Eastern oyster (C. virginica)		100
Other		500
	Total	38,600
VII. Northwest and Western Central Pacific		
(Crassostrea gigas)		1/
(C. rivularis)		1/
(C. denselamellosa)		1/
(C. nippona)		1/
(C. echinata)		1/
(C. iredalei)		1/
(C. malebonensis)		1/
(Ostrea palmipes)		1/
	Total	263,000
VIII. Southeast Pacific		
(Ostrea chilensis)		100
	Total	100

Table VI-1.--Estimate of maximum sustainable yield (MSY) from world stocks of oysters (continued)

Region	MSY
	Thousand metric tons
IX. Australia and New Zealand	
Sidney Rock oyster (Crassostrea commercialis)	6,710
Western Rock oyster (C. tuberculata)	11
Oyster (Ostrea angasi)	3
Dredged oyster (O. lutaria)	7,500
Rock oyster (C. Saxostrea glomerata)	200
Other	2,376
Total	16,800
Total World	2/715,120

1/ Total in area not separated by species.
2/ Total potential (including aquaculture) may be many times that of naturally occurring stocks.

Source: Gulland, J. A. (editor), 1971. The Fish Resources of the Ocean, Food and Agriculture Organization of the United Nations, 255 p.

Table VI-2.--Estimate of maximum sustainable yield for oysters in waters fished by U. S. fishermen

Region		MSY
		Thousand
I. Northwest and West Central Atlantic		
Eastern oyster (Crassostrea virginica)		327,500
	Total	327,500
II. Northeast Pacific		
Pacific oyster (Crassostrea gigas)		38,000
Eastern oyster (C. virginica)		100
Western oyster (Ostrea lurida)		500
	Total	38,600
Total for all areas fished by U. S. fishermen		1/366,100

1/ Total potential (including aquaculture) may be many times that of naturally occurring stocks.

Source: Gulland, J. A. (editor), 1971. The Fish Resources of the Ocean, Food and Agriculture Organization of the United Nations, 255 p.

VII. INTERNATIONAL TRADE

Table VII-1.--Quantity and value of oyster imports to the United States, 1947-73

(Meat weight)

Year	Fresh & frozen[1/]	Canned[2/]	Total	Value (all forms)
	Thousand pounds			Thousand dollars
1947	10	101	111	110
1948	13	147	160	151
1949	29	313	342	318
1950	38	408	446	278
1951	13	949	962	544
1952	25	570	595	363
1953	14	623	637	397
1954	7	1,049	1,056	625
1955	23	1,368	1,391	686
1956	141	1,787	1,928	869
1957	86	2,489	2,575	1,028
1958	13	5,002	5,015	1,587
1959	4	5,536	5,540	1,965
1960	64	6,533	6,597	2,302
1961	99	7,162	7,261	2,496
1962	105	7,282	7,387	2,883
1963	1,035	7,871	8,906	3,706
1964	743	7,411	8,154	3,320
1965	968	8,033	9,001	3,842
1966	854	11,174	12,028	5,054
1967	2,686	14,986	17,672	6,912
1968	2,066	13,484	15,550	6,528
1969	1,072	15,550	16,622	7,319
1970	1,578	13,906	15,484	9,356
1971	905	8,790	9,695	7,879
1972	2,920	19,389	22,309	15,842
1973	1,877	16,631	18,508	12,580

1/Conversion factor for imported oysters to meat weight is .75.

2/Conversion factor for imported canned oyster to meat weight is .93.

Source: Imports and Exports of Fishery Products, Bureau of Census 1947-73.

Table VII-2.--Imports of oysters to the U. S. by country of origin, 1947-73

(Meat Weight)

Year	Canada		Hong Kong		Japan		Rep. of Korea		Other		Total	
	Fresh and frozen	canned	Fresh and frozen	canned	Fresh and frozen	canned	Fresh and frozen	canned	Fresh and frozen	canned	Fresh and frozen	canned
	Thousand pounds											
1947	5	-	-	19	4	-	-	-	1	82	10	101
1948	7	-	-	17	1	11	-	-	5	119	13	147
1949	22	7	-	11	-	76	-	-	7	219	29	313
1950	9	-	-	17	2	191	-	-	27	200	38	408
1951	12	6	-	171	-	680	-	-	1	92	13	949
1952	18	1/	-	112	7	457	-	-	-	1	25	570
1953	13	1/	-	58	-	564	-	-	1	1	14	623
1954	7	-	-	216	-	829	-	-	-	4	7	1,049
1955	11	-	-	168	-	1,196	-	-	12	-	23	1,364
1956	8	1/	-	193	7	1,591	-	-	126	3	141	1,787
1957	22	-	2	223	50	2,262	-	-	12	4	86	2,489
1958	8	14	1	280	2	4,696	-	-	2	212	13	5,002
1959	1/	-	1	350	2	5,186	-	-	1	-	4	5,536
1960	1	1/	2	402	53	6,118	-	-	8	13	64	6,533
1961	1	-	1/	401	98	6,749	-	-	-	12	99	7,162
1962	16	-	-	486	71	6,780	-	-	18	16	105	7,282
1963	641	2	6	561	105	7,261	2	34	281	13	1,035	7,871
1964	535	1/	38	665	134	6,636	2	43	34	67	743	7,411
1965	754	-	37	646	122	7,181	14	60	41	146	968	8,033
1966	619	-	32	685	163	10,311	7	60	33	118	854	11,174
1967	419	-	20	836	2,104	13,968	-	141	143	41	2,686	14,986
1968	177	-	26	986	1,838	11,635	1	79	24	784	2,066	13,484
1969	247	-	29	187	728	12,948	1	65	67	2,350	1,072	15,550
1970	177	-	17	237	1,319	9,719	-	887	65	3,063	1,578	13,906
1971	343	-	29	419	499	5,831	2	1,443	32	1,397	905	8,790
1972	259	3	32	535	1,109	11,783	22	5,519	48	1,549	1,470	19,389
1973	396	-	16	678	1,152	6,519	193	9,249	120	185	1,877	16,631

1/ Less than 500 pounds.

Source: Imports and Exports of Fishery Products, Bureau of Census, 1947-73.

VIII. FOREIGN PRODUCTION

Table VIII-1.--World landings of oysters by major countries, 1947-72

(Round weight)

Year	France	Japan	Mexico	S. Korea	Taiwan	U. S.	Other	Total
	Million pounds							
1947	228.4	26.9	10.2	1/	1/	641.9	25.3	932.7
1948	28.4	30.7	10.2	0.9	1/	629.1	28.4	727.7
1949	62.4	70.3	1/	1/	1/	621.2	39.9	793.8
1950	43.9	76.5	8.5	1/	1/	620.0	38.4	771.8
1951	158.5	118.9	1/	1/	1/	586.3	36.0	899.6
1952	77.4	174.6	1/	1.3	9.0	660.2	34.9	897.4
1953	41.9	242.1	1/	2.2	12.4	640.6	24.5	963.6
1954	37.0	233.7	1/	2.9	13.5	1,023.8	43.0	1,358.9
1955	8.4	216.1	23.4	3.5	13.9	1,060.8	49.8	1,375.9
1956	27.8	252.3	23.4	3.5	11.2	1,031.3	44.1	1,393.6
1957	41.5	317.7	26.5	3.3	11.2	986.5	41.9	1,428.8
1958	29.1	333.4	28.9	15.4	11.5	940.9	49.8	1,409.0
1959	195.1	329.7	37.9	17.9	10.6	923.5	57.6	1,572.2
1960	192.9	403.1	44.1	25.4	13.7	896.3	58.7	1,614.1
1961	192.1	381.2	42.3	32.4	17.9	887.7	58.2	1,611.9
1962	168.7	448.9	40.4	26.0	16.5	804.6	53.8	1,558.9
1963	155.0	529.4	43.7	7.7	17.4	809.7	64.4	1,627.3
1964	137.2	530.5	52.9	93.9	18.7	914.0	80.7	1,827.9
1965	145.1	464.4	65.3	101.2	19.6	773.7	64.6	1,633.9
1966	137.4	487.5	55.3	114.0	22.7	785.9	75.2	1,678.0
1967	153.3	511.6	62.6	97.9	25.8	902.5	74.3	1,827.9
1968	98.5	589.5	78.3	84.2	27.8	856.9	94.6	1,829.8
1969	134.9	541.2	93.5	73.2	25.7	739.4	67.6	1,675.5
1970	131.0	420.6	87.5	93.9	28.9	748.5	76.9	1,587.3
1971	75.4	429.0	95.9	118.2	28.0	772.9	90.0	1,609.4
1972	151.7	479.3	95.9	160.2	1/	717.2	93.2	1,697.5

1/ Not available.

Note: To convert from round weight to meat weight divide by 13.0.

Source: FAO Yearbook of Fishery Statistics, various years.

Table VIII-2.--World oyster landings, international, trade and consumption, 1972.

(Round weight)

Country	Landings	Exports	Imports	Apparent consumption
		Million pounds		
France	151.7	-	39.6	191.3
Japan	497.3	180.4	-	298.9
Mexico	95.9	-	-	95.9
S. Korea	160.2	78.8	-	81.4
United States	717.2	-	292.8	1,010.0
Other	93.2	1/ 73.2	1/	20.0
Total	1,697.5	332.4	332.4	1,697.5

1/ International trade statistics in some instances do not identify the origin and destination of products.

Source: Yearbook of Fishery Statistics, FAO, 1972.

IX. FOREIGN CONSUMPTION

Table IX-1.--World aggregate consumption of oysters by major consuming countries, 1947-72

(Round weight)

Year	France	Japan	Mexico	South Korea	Taiwan	United States
	Million pounds					
1947	28.4	26.9	10.2	1/	1/	844.6
1948	28.4	30.5	10.2	0.9	1/	831.5
1949	65.1	69.2	1/	1/	1/	1,015.6
1950	57.2	73.8	8.5	1/	1/	1,030.3
1951	204.2	109.2	1/	1/	1/	988.7
1952	107.8	168.3	1/	1.3	9.0	1,102.9
1953	74.4	234.1	1/	2.2	12.4	1,074.2
1954	37.0	221.9	1/	2.9	13.5	1,112.0
1955	8.4	199.0	23.4	3.5	13.9	1,054.0
1956	27.8	229.7	23.4	3.5	11.2	1,028.1
1957	41.5	284.9	26.5	3.3	11.2	987.9
1958	31.6	266.6	28.9	15.4	11.5	952.9
1959	202.6	255.9	37.9	17.9	10.6	937.1
1960	210.4	315.4	44.1	25.4	13.7	889.6
1961	212.1	283.8	42.3	32.4	17.9	932.9
1962	181.2	351.4	40.4	26.0	16.5	852.2
1963	157.5	424.6	43.7	7.2	17.4	896.2
1964	139.7	434.6	52.9	93.3	18.7	929.0
1965	150.1	360.8	65.3	100.1	19.6	865.4
1966	139.9	338.9	56.3	113.0	22.7	834.6
1967	158.3	288.7	62.6	95.9	25.8	1,029.7
1968	108.5	402.9	78.3	83.1	27.8	1,040.6
1969	150.3	348.6	93.5	72.2	25.7	936.7
1970	144.3	267.2	87.5	81.3	28.9	935.9
1971	105.9	340.3	95.9	97.6	28.0	871.4
1972	191.3	298.9	95.9	81.4	1/	1,010.0

1/ Not available.

Source: Yearbook of Fishery Statistics, FAO 1947-72 and Fishery Statistics of the United States, 1947-72.

Table IX-2.--World per capita consumption of oysters by major consuming countries, 1947-72

(Round weight)

Year	France	Japan	Mexico	South Korea	Taiwan	United States
	Pounds					
1947	0.693	0.339	0.436	1/	1/	5.859
1948	.687	.378	.412	0.045	1/	5.670
1949	1.565	.847	1/	1/	1/	6.804
1950	1.366	.890	.322	1/	1/	6.777
1951	4.844	1.296	1/	1/	1/	6.413
1952	2.539	1.968	1/	.062	1.046	7.047
1953	1.740	2.700	1/	.104	1.395	6.737
1954	.859	2.522	1/	.139	1.470	6.858
1955	.193	2.236	.762	.163	1.463	6.386
1956	.634	2.554	.786	.159	1.140	6.102
1957	.937	3.136	.810	.146	1.109	5.765
1958	.706	2.912	.857	.660	1.102	5.522
1959	4.478	2.769	1.087	.746	0.984	5.292
1960	4.606	3.383	1.223	1.029	1.234	4.941
1961	4.595	3.018	1.135	1.275	1.565	5.090
1962	3.855	3.322	1.048	.995	1.401	4.377
1963	3.291	4.428	1.096	.268	1.437	4.739
1964	2.885	4.628	1.334	3.376	1.503	4.833
1965	3.068	3.683	1.530	3.528	1.540	4.469
1966	2.832	3.428	1.275	3.885	1.756	4.307
1967	3.175	2.889	1.371	3.220	1.963	5.252
1968	2.173	3.986	1.692	2.727	2.064	5.184
1969	2.987	3.407	1.951	2.319	1.862	4.617
1970	2.842	2.581	1.798	2.573	2.059	4.563
1971	2.066	3.223	1.954	3.069	1.935	4.212
1972	3.700	2.795	1.887	2.515	1/	4.833

1/ Not available.

Source: Yearbook of Fishery Statistics, FAO 1947-72 and Fishery Statistics of the United States, 1947-72.

Table IX-3.--Exvessel prices for oysters in selected countries, in national currencies and each country's consumer price index, 1950-72

(Round weight)

Year	France		Republic of Korea	
	Price per pound French francs	Consumer price index 1967=100	Price per pound Korean won	Consumer price index 1967=100
1950	1/	1/	1/	1/
1951	1/	1/	1/	1/
1952	1/	1/	1/	1/
1953	1/	1/	1/	1/
1954	1/	1/	1/	1/
1955	1/	1/	1/	1/
1956	1.220	63.6	1/	1/
1957	1.150	65.4	1/	1/
1958	1/	75.2	1/	1/
1959	0.641	79.7	1/	1/
1960	.753	82.4	1/	1/
1961	.802	85.0	1/	1/
1962	1.043	85.0	7.42	46.0
1963	1.357	89.5	25.58	55.4
1964	1.375	92.2	5.60	71.5
1965	1.561	94.9	11.40	81.5
1966	1.841	97.3	4.90	90.2
1967	1.797	100.0	7.49	100.0
1968	2.964	104.6	13.24	111.2
1969	2.415	110.9	22.16	122.4
1970	2.473	117.5	11.64	138.0
1971	2.664	124.0	24.68	155.0
1972	2.530	131.2	28.92	173.3

Table IX-3.--Exvessel prices for oysters in selected countries, in national currencies and each country's consumer price index, 1950-72 (continued)

(Round weight)

Year	Japan		Mexico	
	Price per pound Japanese yen	Consumer price index 1967=100	Price per pound Mexican pesos	Consumer price index 1967=100
1950	1/	1/	1/	1/
1951	1/	1/	1/	1/
1952	1/	1/	1/	1/
1953	1/	1/	1/	1/
1954	1/	1/	1/	1/
1955	10.1	63.2	1/	1/
1956	6.3	63.2	1/	1/
1957	6.0	64.9	1/	1/
1958	6.0	64.9	1/	1/
1959	6.8	65.7	1/	1/
1960	6.9	68.1	1/	1/
1961	8.5	71.4	1/	1/
1962	9.9	76.4	1/	1/
1963	9.5	82.1	1/	1/
1964	9.4	85.4	0.247	83.2
1965	12.4	91.1	.254	91.4
1966	13.3	96.1	.283	96.7
1967	12.4	100.0	.256	100.0
1968	13.7	105.5	.257	103.8
1969	15.1	111.5	.266	111.4
1970	20.5	119.5	.293	115.5
1971	24.2	127.0	.238	124.1
1972	25.4	133.2	1/	1/

Table IX-3.--Exvessel prices for oysters in selected countries, in national currencies and each country's consumer price index, 1950-72 (continued)

(Round weight)

Year	Taiwan		United States	
	Price per pound Taiwan dollars	Consumer price index 1967=100	Price per pound U. S. dollars	Consumer price index 1967=100
1950	1/	1/	0.048	72.1
1951	1/	1/	.050	77.8
1952	1/	1/	.049	79.5
1953	1.491	48.6	.045	80.1
1954	1.735	49.5	.032	80.5
1955	1.570	54.3	.029	80.2
1956	1.606	60.0	.030	81.4
1957	1.955	64.8	.030	84.3
1958	1.898	64.8	.032	86.6
1959	3.103	71.4	.032	87.3
1960	3.419	84.8	.033	88.7
1961	3.171	91.4	.037	89.6
1962	2.998	93.3	.036	90.6
1963	2.766	95.2	.033	91.7
1964	2.655	95.2	.031	92.9
1965	2.556	95.2	.036	94.5
1966	2.835	97.1	.035	97.2
1967	2.892	100.0	.036	100.0
1968	3.957	106.7	.037	104.2
1969	4.713	111.4	.037	109.8
1970	8.776	116.2	.039	116.3
1971	1/	1/	.039	121.3
1972	1/	1/	.047	125.3

1/ Not available.

Source: FAO Yearbook of Fishery Statistics, 1950-72, and Fishery Statistics of the United States, 1950-72.

Table IX-4.--Exvessel prices for oysters in selected countries, in deflated U. S. dollars, 1950-72

Year	France	Rep. of Korea	Japan	Mexico	Taiwan	United States
	(Round weight)					
	Price per pound-U.S. dollars*					
1950	1/	1/	1/	1/	1/	0.067
1951	1/	1/	1/	1/	1/	.064
1952	1/	1/	1/	1/	1/	.062
1953	1/	1/	1/	1/	0.119	.056
1954	1/	1/	1/	1/	.139	.040
1955	1/	1/	0.035	1/	.079	.036
1956	0.428	1/	.021	1/	.080	.041
1957	.325	1/	.020	1/	.094	.040
1958	1/	1/	.020	1/	.060	.036
1959	.149	1/	.022	1/	.089	.033
1960	.171	1/	.021	1/	.097	.037
1961	.183	1/	.027	1/	.088	.041
1962	.235	0.063	.030	1/	.083	.040
1963	.302	.215	.028	1/	.075	.036
1964	.302	.013	.027	0.022	.071	.033
1965	.338	.040	.036	.021	.068	.038
1966	.387	.013	.038	.027	.073	.036
1967	.365	.028	.034	.020	.072	.036
1968	.574	.046	.036	.020	.095	.036
1969	.396	.069	.038	.019	.107	.036
1970	.385	.032	.049	.020	.188	.034
1971	.430	.065	.057	.016	1/	.032
1972	.395	.059	.066	1/	1/	.038

* Deflated by U.S. consumer price index 1967=100.
1/ Not available.
Source: FAO Yearbook of Fishery Statistics, 1953-72 and Fishery Statistics of the United States, 1950-72.

Table X-1.—Historical and current U.S. tariff structure for oysters

Tariff item number	Stat suffix	Product description	Rates of duty			U.S. imports - 1973	
			June 30, 1967	Jan. 1, 1969	Jan. 1, 1972	Quantity	Value
						Thou. pounds	Thou. dollars
03031	302.0	Oysters, except seed oysters not in air tight containers	Free	Free	Free	2,503,335	2,253,512
		In air tight containers:					
032	021.5	Smoked	4.5¢ per lb.*	3.5¢ per lb.*	2.2¢ per lb.*	3,581,375	3,056,667
	022.0	Other	6¢ per lb.*	4.8¢ per lb.*	3¢ per lb.*	14,301,741	7,270,357

*Includes weight of container.

Source: U.S. Tariff Commission, Tariff Schedules of the United States Annotated, 1972 and U.S. Imports. Bureau of the Census, U.S. Department of Commerce, 1973.

Table X-2.--Historical synopsis of trade investigations on oysters

1. Section 9 (b) of the Fish and Wildlife Act of 1956

None

2. Escape Clause under Executive Orders and the Trade Agreements Act of 1951, as amended (U. S. Tariff Commission)

3. Section 301 of the Trade Expansion Act of 1962 (U. S. Tariff Commission)

None

4. Section 332 of the Tariff Act of 1930 (U. S. Tariff Commission)

None

5. Antidumping under Antidumping Act of 1921 (Customs Bureau)1/

None

6. Countervailing duties under Section 303 of the Tariff Act of 1930 as amended. (Customs Bureau)

None

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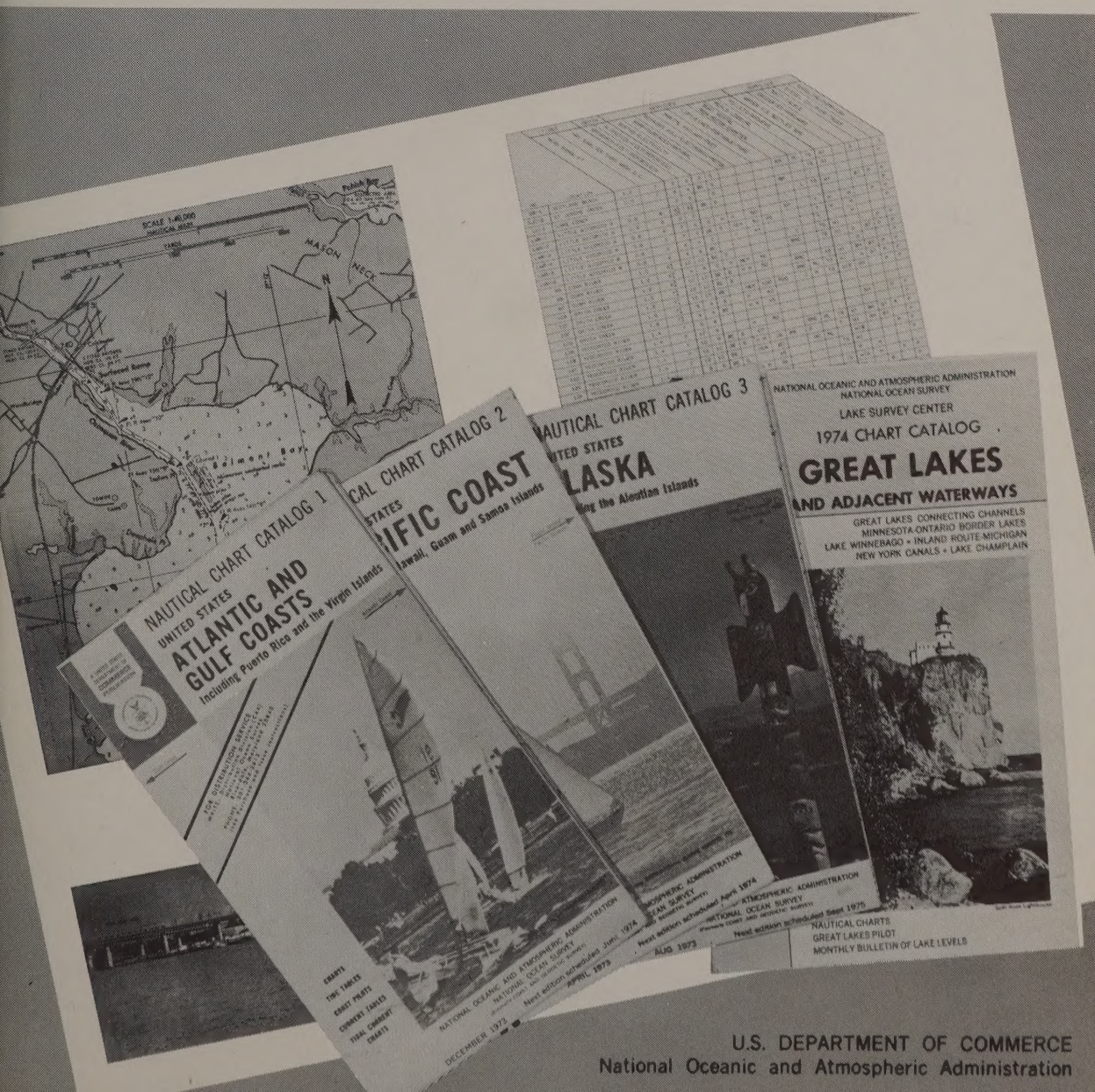

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